

TORE · FRONT ·

· BY ·

· HOBBS ·

· A · I · A · FILE · 26 · B · 1 ·

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CATALOGUE No. 3A
STANDARD STORE FRONT CONSTRUCTION CO.

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CCA

• HOBBS •
• STORE • FRONTS •

• FABRICATED • IN •

• SOLID • ROLLED • BRONZE • OR • COPPER •
• OR •

• ELECTRO • PLATED • IN • MANY • PLEASING • COLORS •

• EXTRUDED ; CAST • & • WROUGHT •
• BRONZE •

• BRONZE • DOORS • & • WINDOWS •

• SHOWER • BATH • DOORS •



The Hobbs Manufacturing Co., Ltd.

London, Ontario

Montreal

Ottawa

Toronto

Niagara Falls

Hamilton

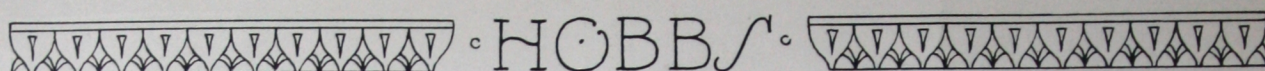
Brantford

Windsor

Winnipeg

Moose Jaw

Vancouver



SUGGESTED FORM OF SPECIFICATION

The sub-contractor under this heading must take note of, and be governed by the conditions set down in the "general conditions" of these specifications.

STORE FRONT CONSTRUCTION

All store front construction shall be solid bronze (or copper) of hollow metal type of Hobbs Safety Set Construction or equal, as approved by the Architect. Construction submitted as equal must embody the indirect screw pressure principle and the face moulding must be free of all screw heads.

The sections to be used consist of the following manufacturer's numbers (insert manufacturer's numbers) or as shown on details, all to be of heavy gauge rolled shapes.

All store front material is to be finished—

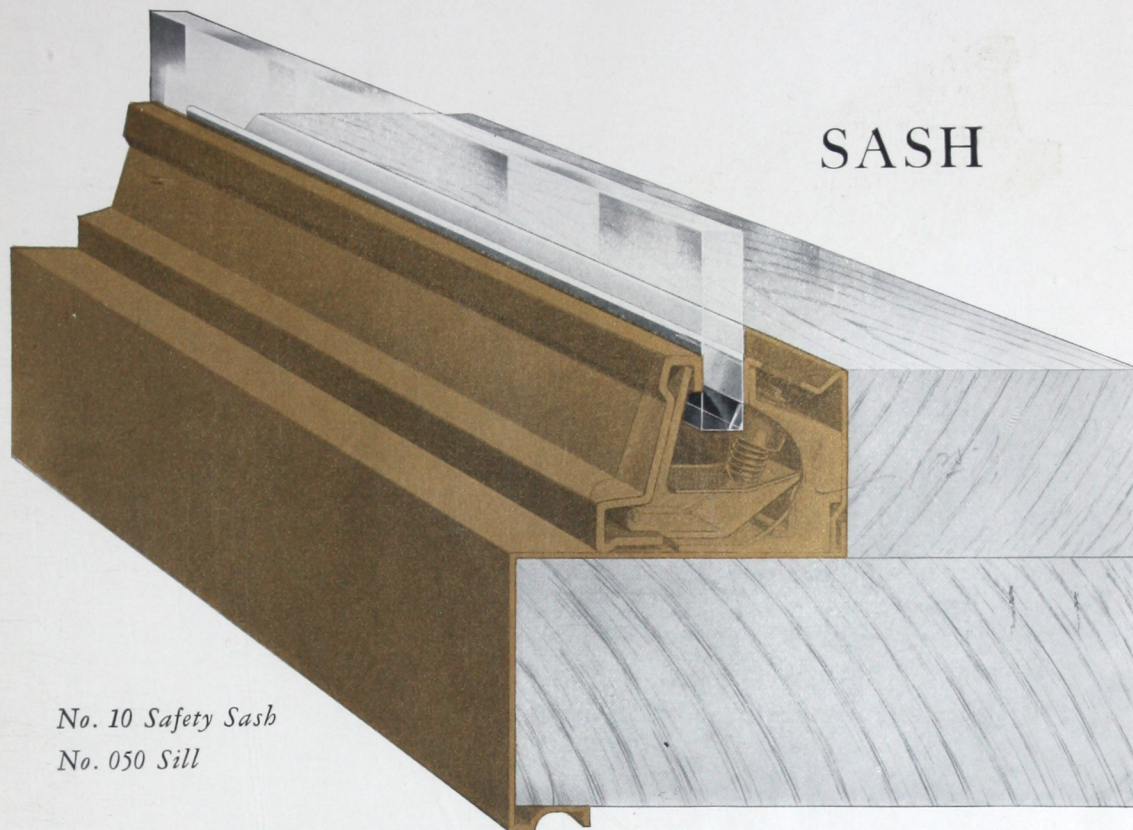
- | | |
|----------------------------|--------------------------------|
| 1 Dull Nickel | 8 Gun Metal |
| 2 Medium Statuary Copper | 9 Natural Copper |
| 3 Verdi Antique | 10 Oxidized Bronze |
| 4 Light Statuary Copper | 11 Statuary Bronze (on bronze) |
| 5 Satin Bronze (on bronze) | 12 Nickel Plate |
| 6 Dark Statuary Copper | 13 Chromium Plate |
| 7 Polished Copper | |

NOTE: Where a flat surface is required such as used for door post coverings, cornice sections, etc., or where a brake mould is of large girth, heavy gauge bronze or copper should be used.

The following gauges are available:

Decimal thickness	B&S gauge	Weight per square foot
.027	21	20 oz.
.032	20	24 oz.
.036	19	28 oz.
.050	16	36 oz.
.064	14	3 lbs.
.108	10	5 lbs.

PLEASE SPECIFY BY GAUGE



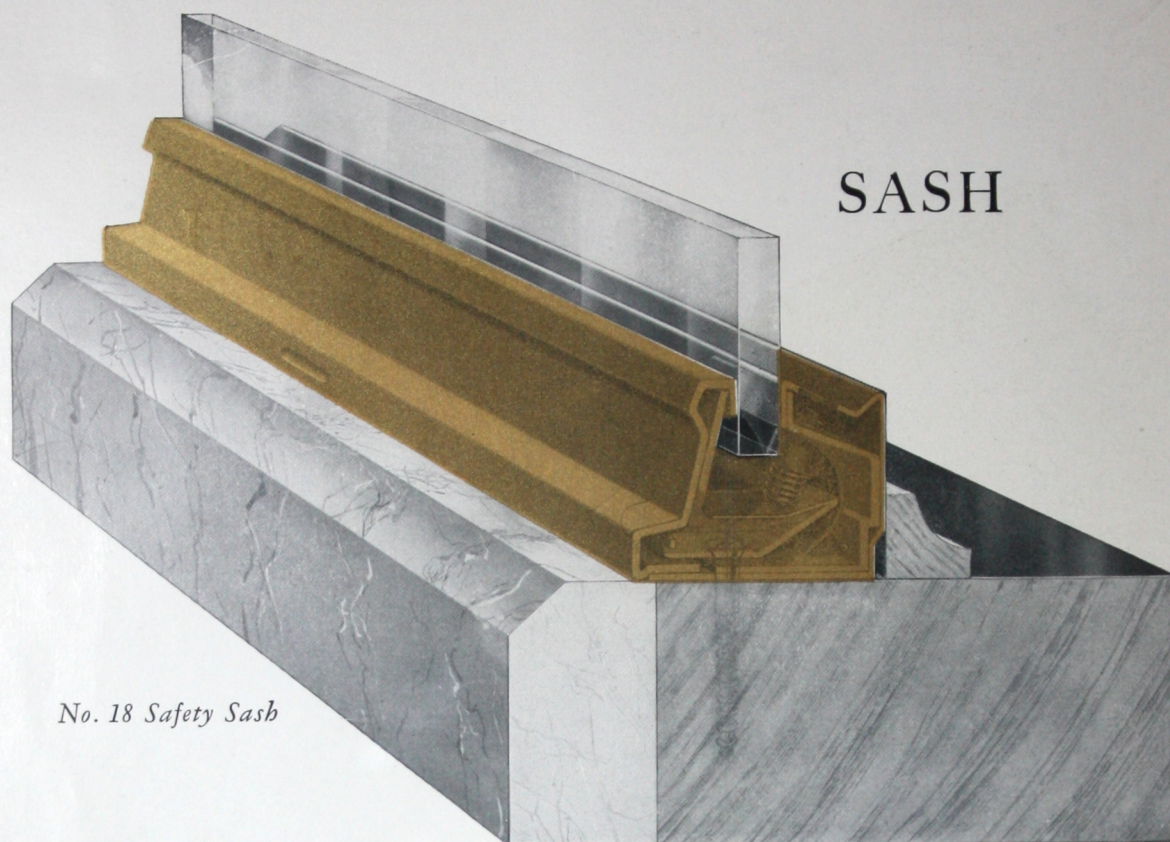
No. 10 Safety Sash
No. 050 Sill

*I*n the sash section (glass retaining mould) illustrated here are embodied the most advanced ideas of construction. The arrangement of fastening the face and gutter mouldings by a set screw upon the inclined plane of the drawplate presents the only known method of *ACTUAL* indirect screw pressure, providing at the same time for the variation that exists in the thickness of commercial quality plate glass.

A most desirable feature is that no screws are visible in the face moulding.

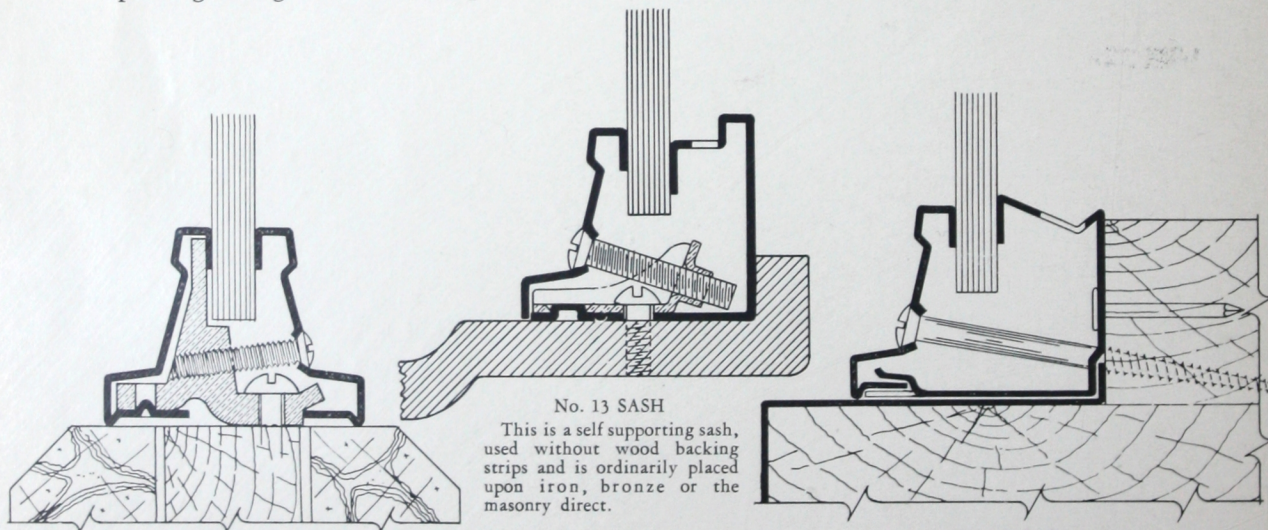
The plate glass is set upon setting blocks two to a light and these are adjustable so that the glass can be moved into place without a pry or tool, eliminating the distortion of glass common where stationary setting blocks are used.

This sash member is rolled from heavy gauge bronze or copper.



No. 18 Safety Sash

This sash embodies all the features of No. 10 sash. It is used independent of a wood backing strip and can be placed directly upon iron, bronze or the masonry. The supporting strength is in the die pressed brackets which are placed on 10-inch centers.



No. 19 SASH

This sash is used chiefly in the interior for corridor work, etc.

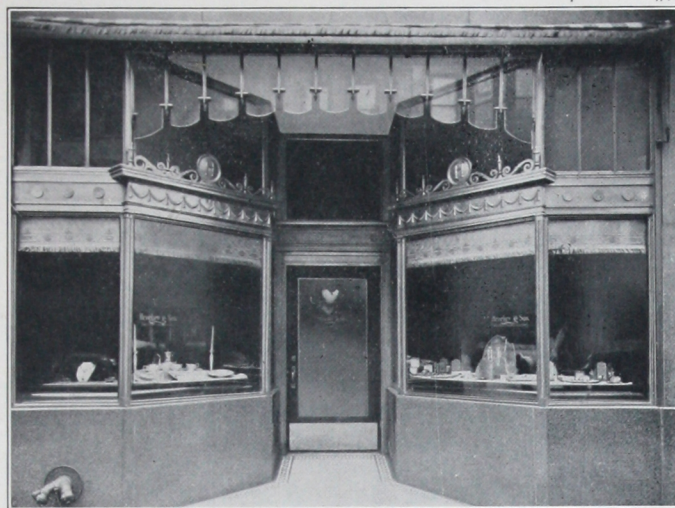
No. 13 SASH

This is a self supporting sash, used without wood backing strips and is ordinarily placed upon iron, bronze or the masonry direct.

No. 16 SASH

This sash is used only when mechanical conditions in the field necessitate a sash, the face moulding of which must be fastened in place from the outside.

STORE FRONT EFFECTIVENESS

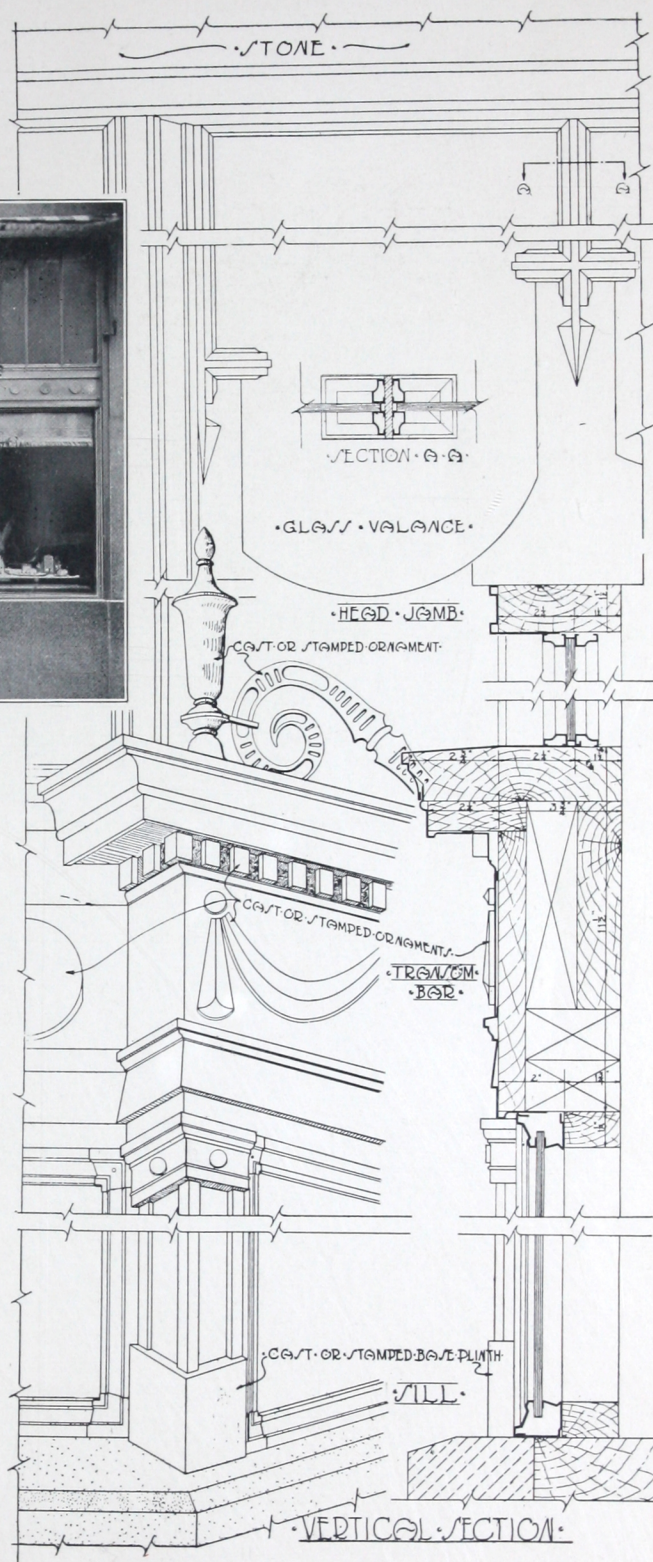


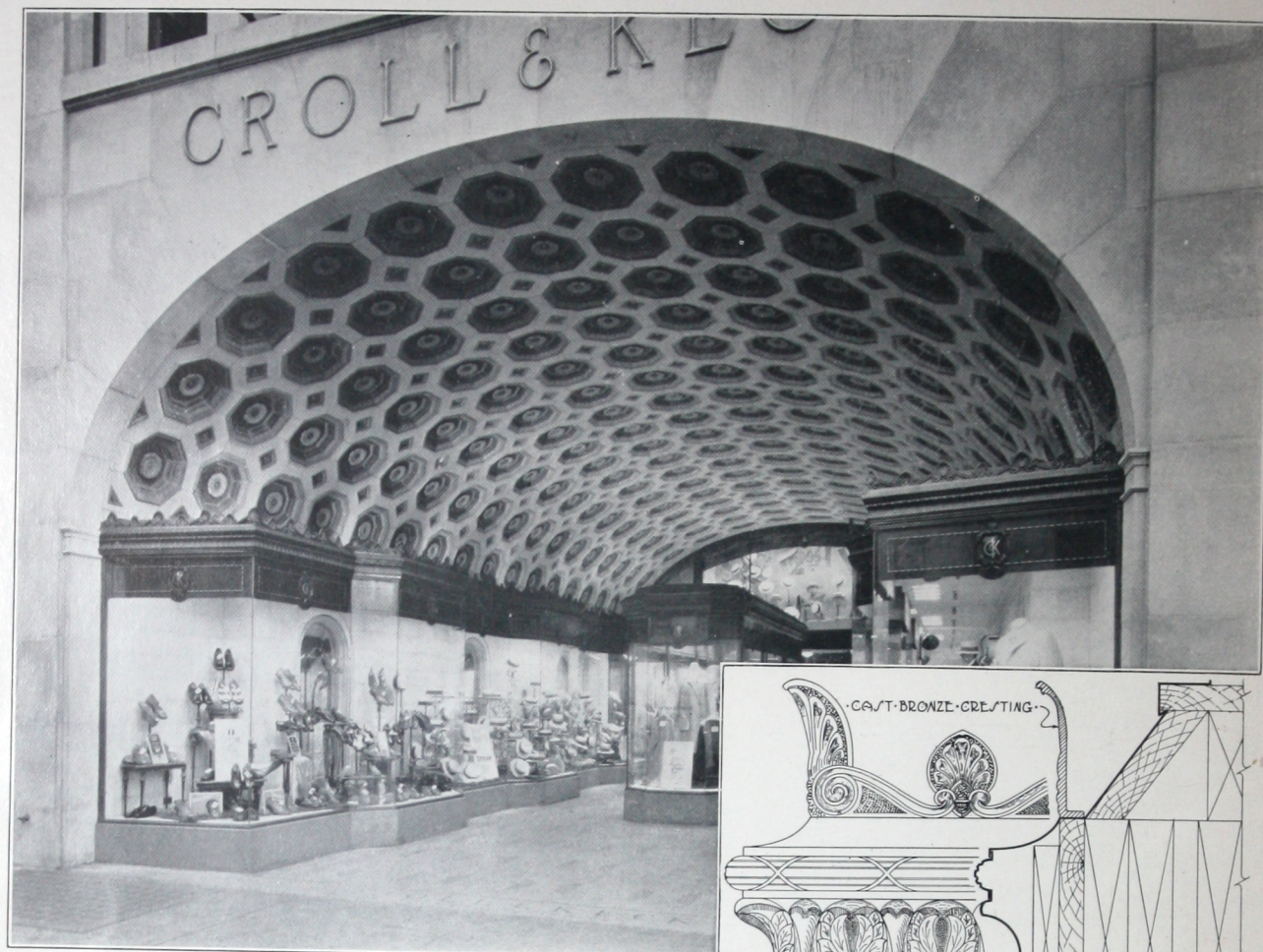
The metal making up the effective exterior decoration of this shop front consists of rolled, stamped and extruded bronze in an arrangement strictly in accordance with the Architect's rendering.

This illustration shows what can be readily accomplished with standard sections of our bronze members.

While no attempt is made in this catalog to show designs of all orders of architecture, these materials can be furnished to exact specification in stamped or cast bronze.

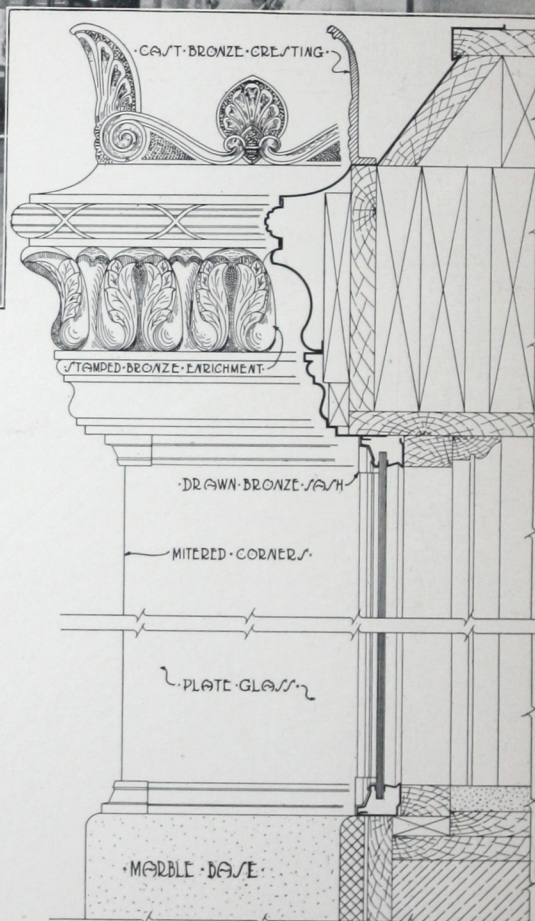
We welcome the opportunity of submitting drawings and details—without obligation.





*H*ere again is illustrated the utility of our standard store front sections.

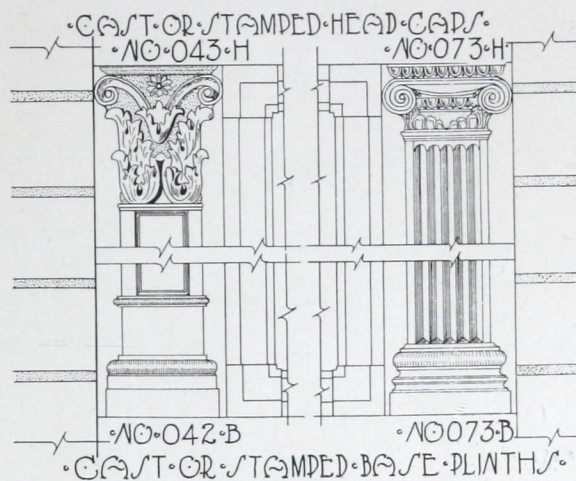
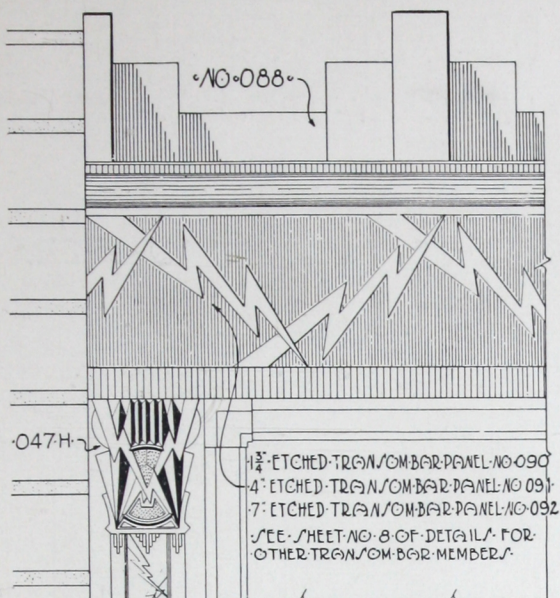
Enrichment members are available in cast or stamped bronze in stock designs for practically all the orders, or material can be fabricated in strict accordance with the Architect's rendering.



• VERTICAL SECTION •

• SEE • F. S. DETAILS • AT • END • OF • CATALOG •

ENRICHMENTS

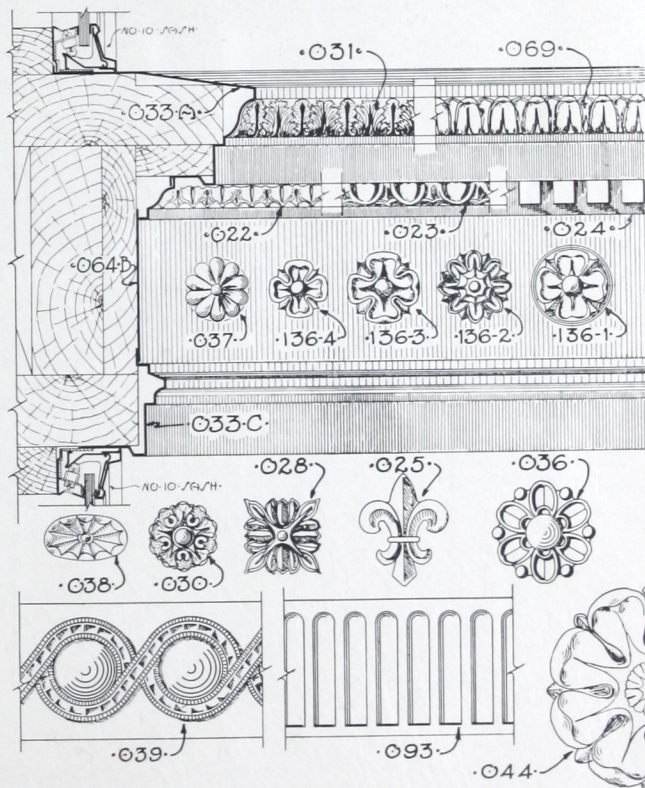
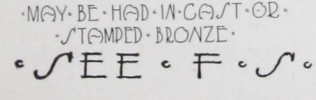
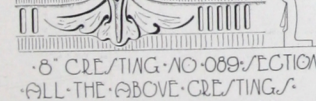
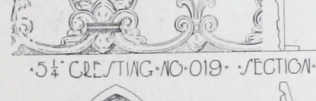
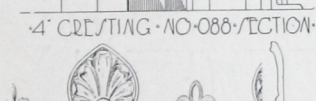
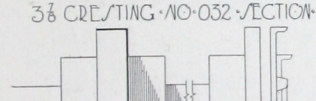


These enrichments are grouped here for the use of the Architect in designing shop fronts which will harmonize with any distinct order of architecture, or if you please, we have the facilities of carrying out any idea submitted to us. The Cyma-Recta and Denticular enrichments are made applicable to any desired height of transom bar. See sheet No. 8 in compartment at end of catalog.

MATERIAL:

Stamped sections from 16 oz. bronze or copper.

Cast sections from special mixtures to fully match rolled or extruded shapes.



SEE F.S. DETAILS AT END OF CATALOG

HOBBS

CAST OR STAMPED BRONZE GRILLES

THESE GRILLES ARE FURNISHED IN CAST BRONZE OR

STAMPED FROM HEAVY GAUGE BRONZE OR

COPPER AS INDICATED ~ SPECIAL DESIGNS AND SIZES

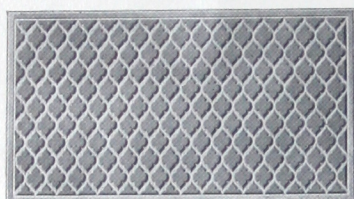
OTHER THAN SHOWN CAN BE FURNISHED

STOCK SIZE GRILLES FOR PROMPT SHIPMENT

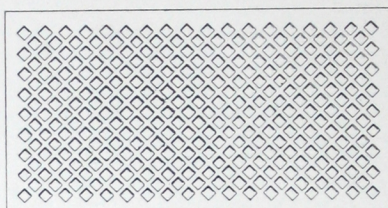
10"X6"

18"X9"

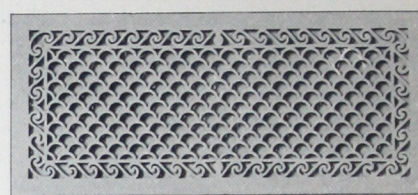
20"X10"



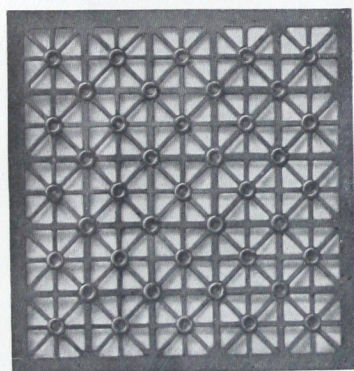
NO. 079
CAST



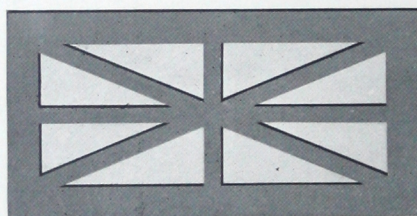
NO. 080
CAST OR STAMPED



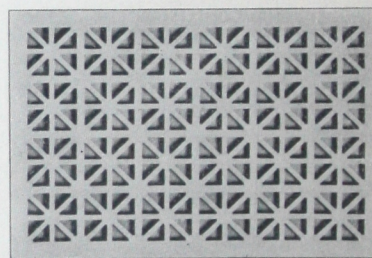
NO. 081
CAST OR STAMPED



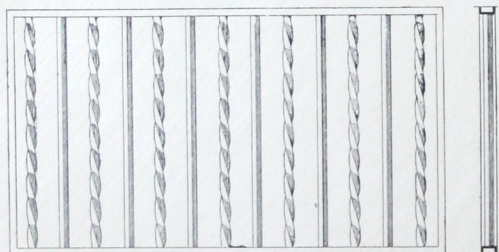
NO. 082
CAST OR STAMPED



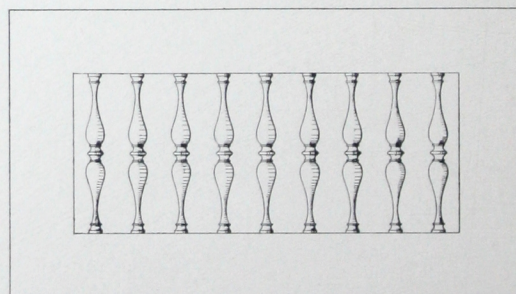
NO. 083
CAST



NO. 084
CAST OR STAMPED



NO. 085
WROUGHT



NO. 086
CAST

SEE F.S. DETAILS AT END OF CATALOG

A TRUE STATEMENT REGARDING THE THEORY OF VENTILATION OF SHOW WINDOWS THROUGH SASH MOULDS



*T*he small condensation holes that appear in the sash members of most store front manufacturers are claimed by them to represent a control or means of ventilation for show windows.

A great amount of experience and experimenting have proven to us that such a theory is misconceived.

As an illustration the area of all the small condensation holes in the sash member of that type used for the setting of a plate of glass 120'' x 120'' (a glass area of 100 square feet) equals a surface of $1\frac{1}{4}'' \times 1\frac{1}{4}''$. It is unreasonable to even assume that the equivalent of such a small opening can control or regulate the ventilation of a surface of 100 square feet not considering at all what the cubic content of such a show window would be!

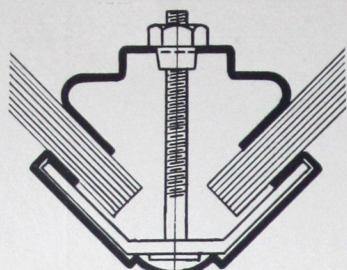
Ventilation in any form for a show window is not always necessary and when required at all is looked to in modern practice through ducts from the bulkhead, covered on the exterior by a grille or louvre and on the show window side by a fine wire mesh or register. Grilles of a type ordinarily used for this purpose are illustrated in this catalogue.

The common complaint of dust in show windows can be traced to just such condensation holes that have been discussed here.

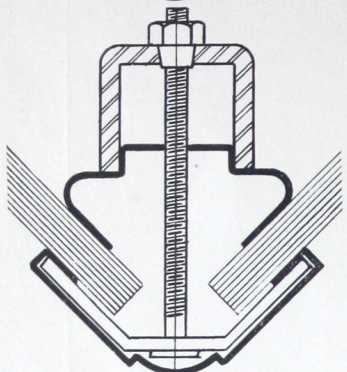
However, where the architect, Owner or Contractor believe that condensation or perforation holes are necessary, all our sash members are available perforated to that specification.

CORNER ^A_N^D REVERSE BARS

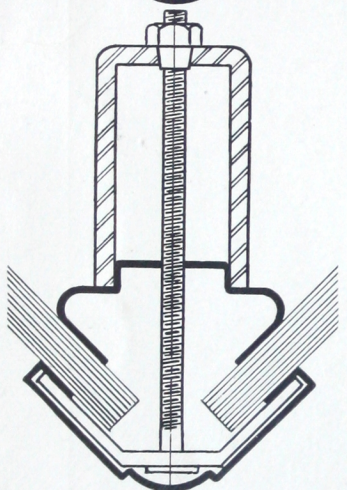
ALL REINFORCEMENT MEMBERS ARE STEEL, UDYLLITE PLATED THEN BRONZE OR COPPER PLATED.
THEY ARE RUST PROOF.



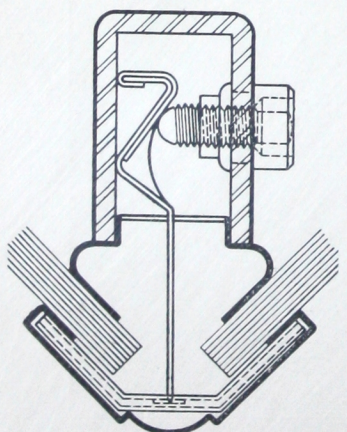
No. 22—Designed for glass up to 7 ft. high and of average width.



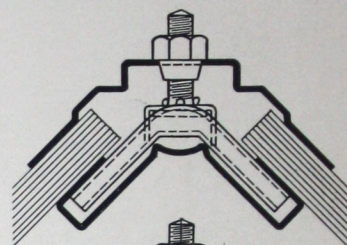
No. 28—Used in place of No. 22 where the plates are wider or subject to more wind pressure.



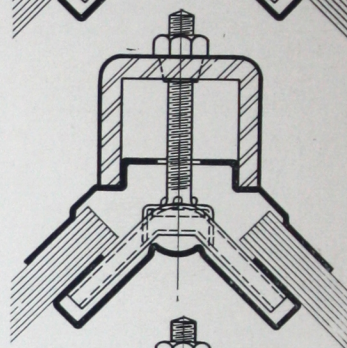
No. 21—Designed for use with large plates of glass.



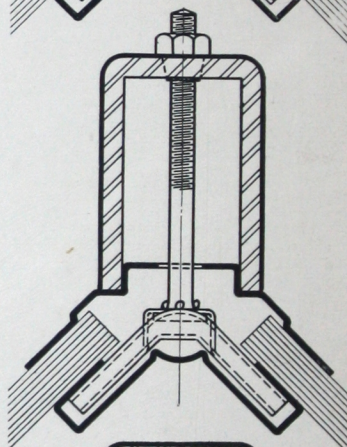
No. 20
Safety Set Bar
Embodying the safety features of indirect screw pressure. While costing more, it affords the safest setting for plate glass.



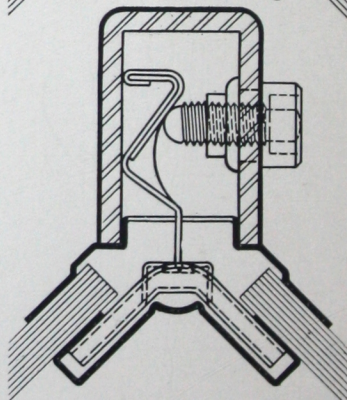
No. 42—Used with small, narrow return lights.



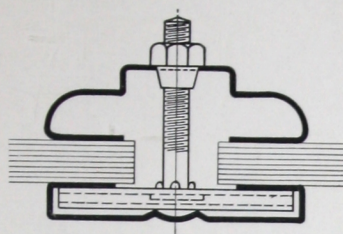
No. 43—Used where the glass area is larger.



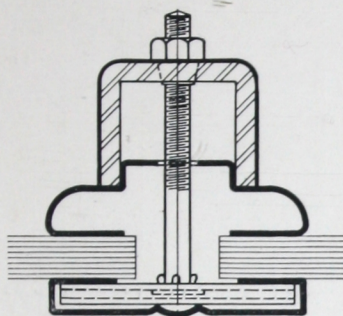
No. 41—Recommended for use with large plates.



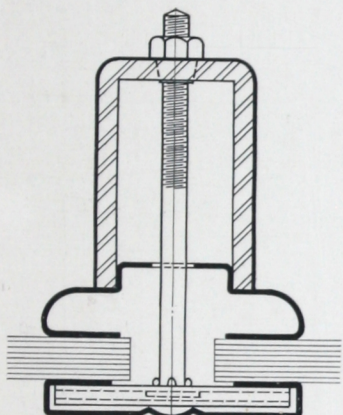
No. 40
Safety Set Bar
Embodies the safety principles of Safety Set Sash.



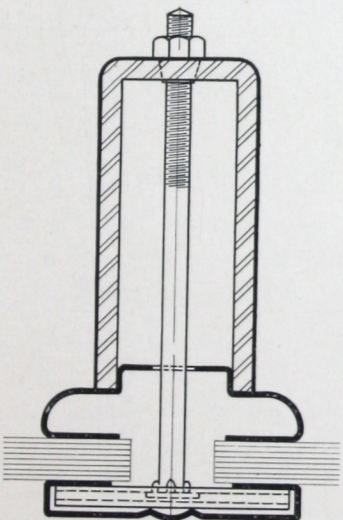
No. 34—Used for transom glass only.



No. 35—Used with small, narrow lights.



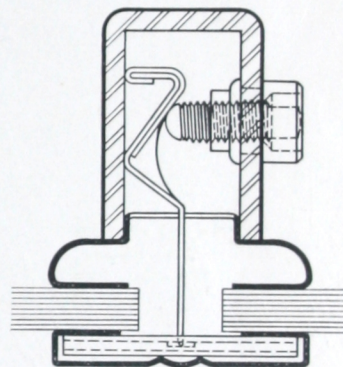
No. 33—Used with plate glass of average area.



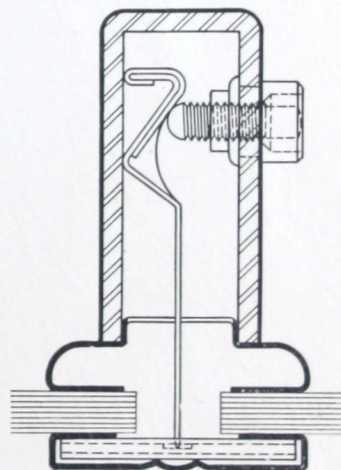
No. 32—The heaviest division bar made and can be firmly anchored into place for use with large plates.

DIVISION BARS

NOTE: All steel reinforcements for corner, reverse and division bars are straightened after rolling. They are then cleaned, scrubbed with pumice, coarse, medium and fine emery ground and again scrubbed with pumice. They are then udyllite plated and before going into the bronze or copper plating tanks, they are again scrubbed with pumice. A very heavy coat of bronze or copper plating is put on and the sections are buffed and lacquered. **THEY ARE RUST PROOF.**

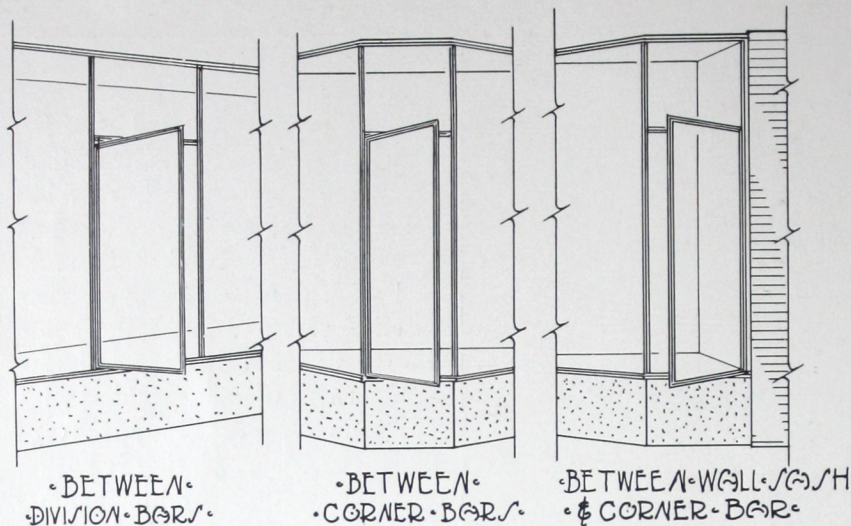


No. 31—Recommended for use where safety is desired.



No. 30—A strong reinforcing bar that will withstand unusual pressure.

NO. 93 SHOW CASE DOOR.



SPECIFICATION OF CONSTRUCTION

MATERIAL:

Door frame made from 14 (B&S) gauge seamless bronze tubing, invisibly welded all four corners.

Z section retaining frame, extruded bronze welded all four corners.

Glass retaining moulds, extruded bronze, mitered all four corners.

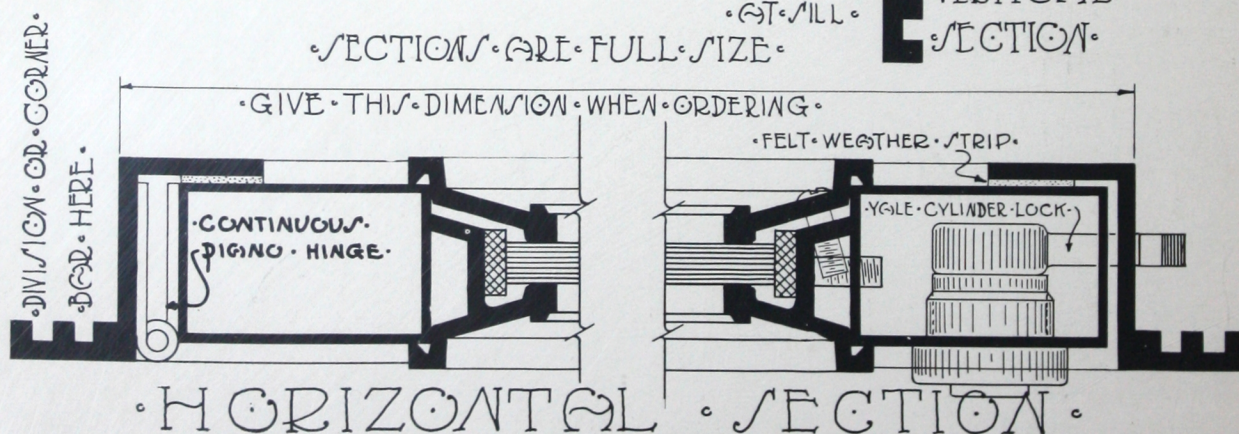
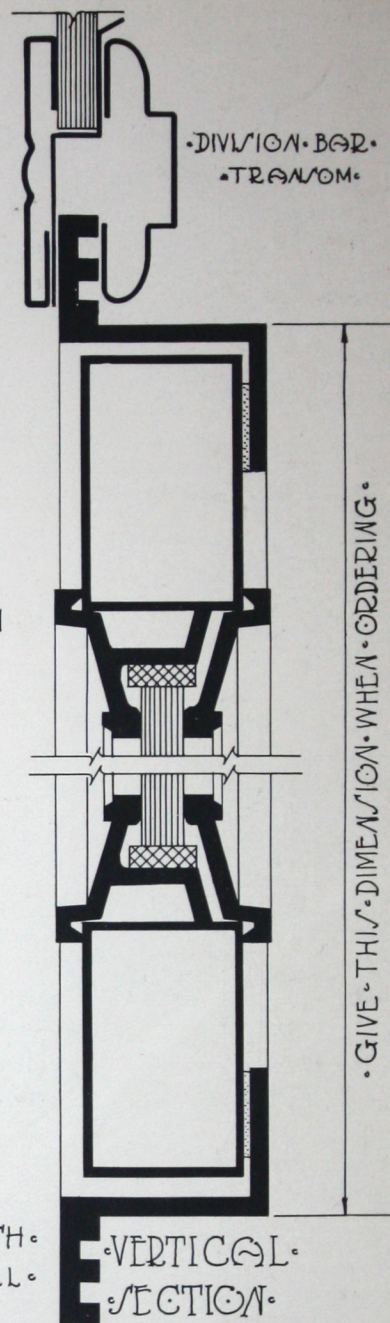
Felt weather strip included with all doors.

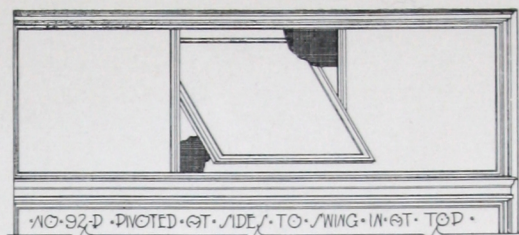
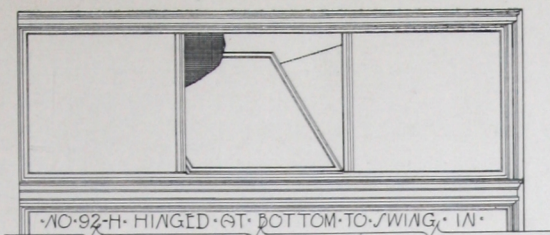
HARDWARE:

One continuous piano hinge.

One or more Yale cylinder locks as required.

NOTE: No steel or iron is used in the construction of this door.





VENTILATORS

SPECIFICATION OF CONSTRUCTION

MATERIAL:

Frame and retaining frame extruded bronze. Retaining frame welded all four corners. Vent frame welded two corners with one leg removable for glazing.

HARDWARE—

Pivoted Section:

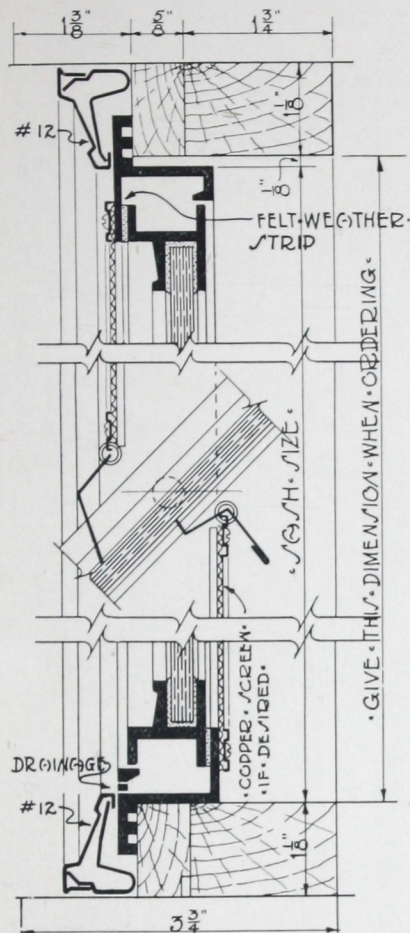
Cast Bronze Friction Pivots.
Spring Catches.

HARDWARE—

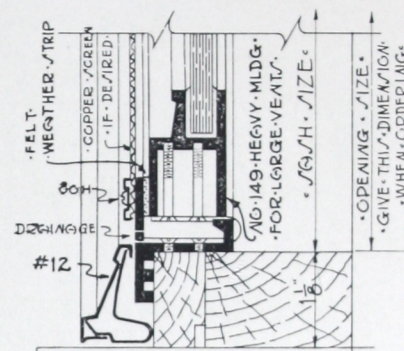
Hinged Section:

Bronze Butt Hinges.
Spring Catches.
Bronze Drop Chains each side.

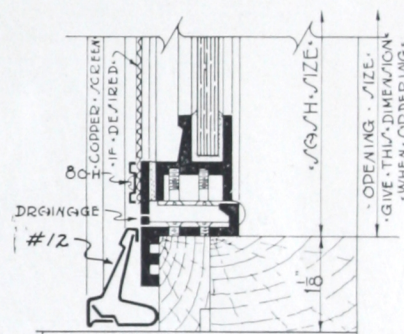
NOTE: Special sections can be made to Architect's specifications without adding greatly to the cost.



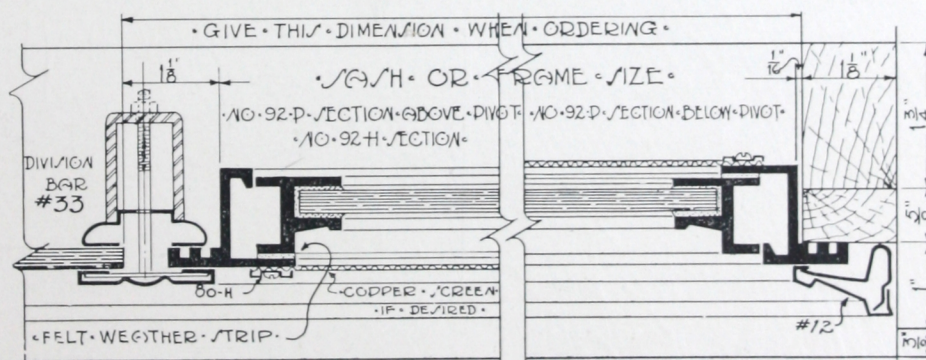
VERTICAL SECTION
NO. 92-D PIVOTED VENTILATOR



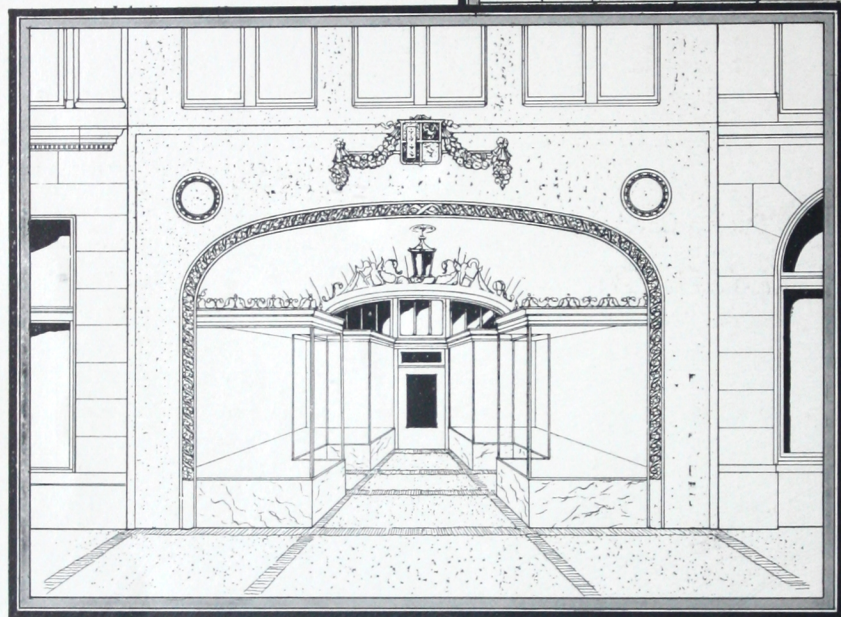
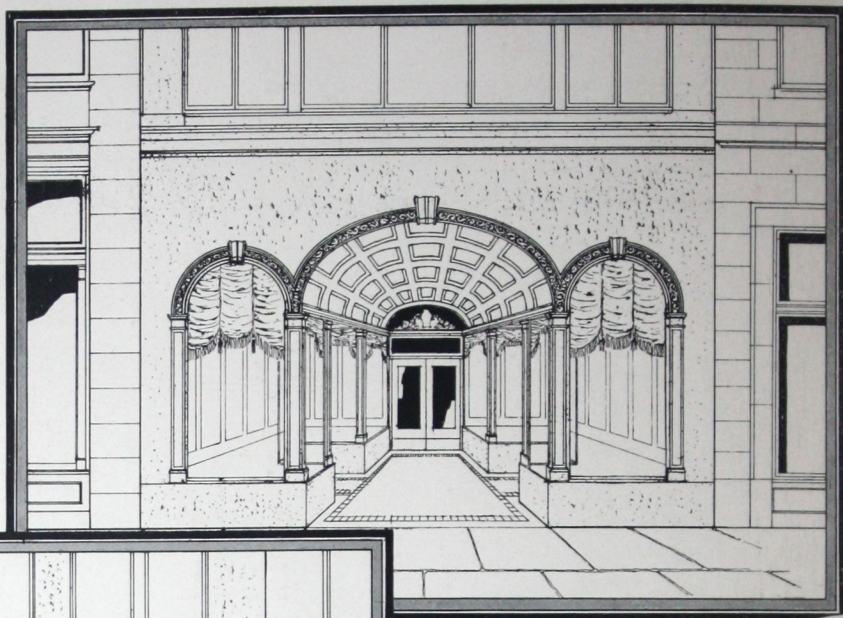
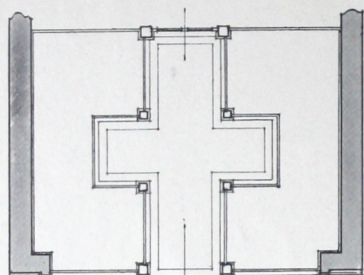
VERTICAL SECTION NO. 92-H
HEAVY FOR VENTILATOR OVER
6 1/4" UP TO 16"



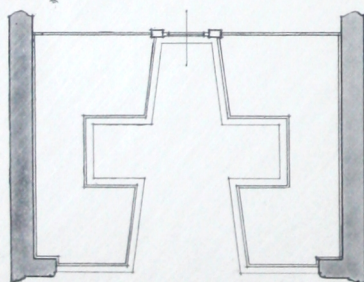
VERTICAL SECTION AT BASE
NO. 92-H HINGED VENTILATOR

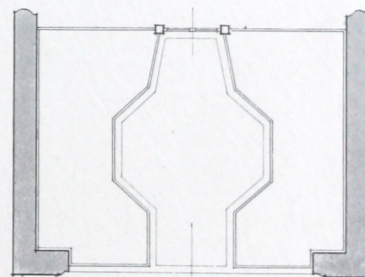
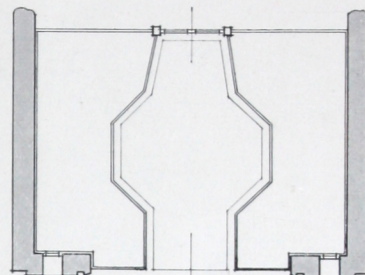
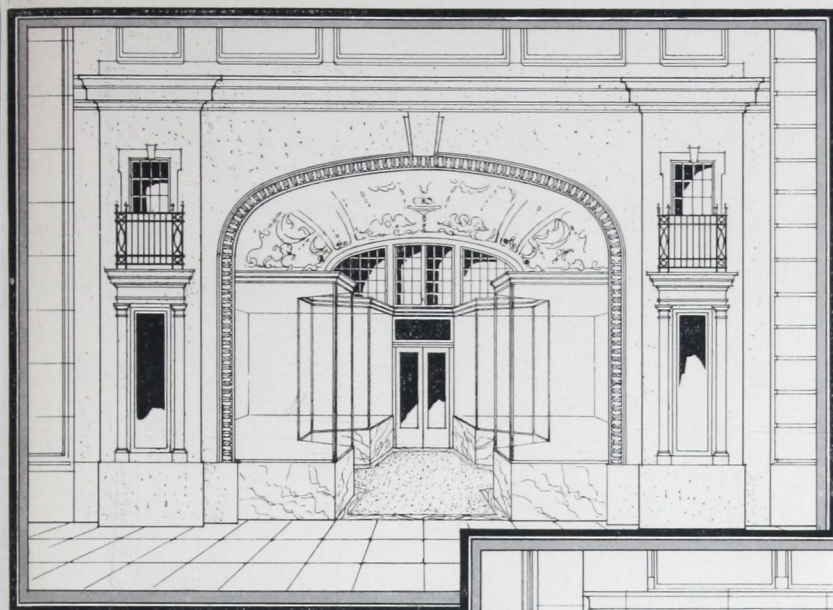


HORIZONTAL SECTION NO. 92 VENTILATOR



THESE FOUR TREATMENTS
USING THE SAME GENERAL
PLAN SHOW HOW VARIOUS
ENTRANCE CAN BE IN ARRANGEMENT
DESIGN



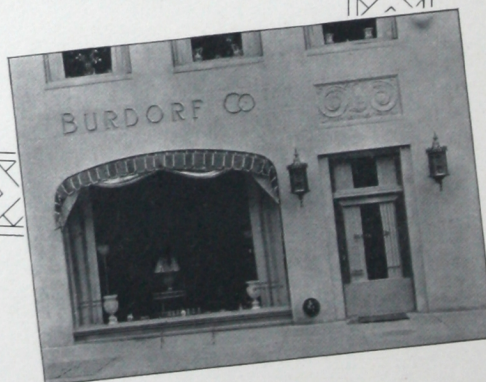


R TREATMENTS
ME GENERAL FLOOR
OV VARIED THE FA-
N ARRANGEMENT &
ESIGN



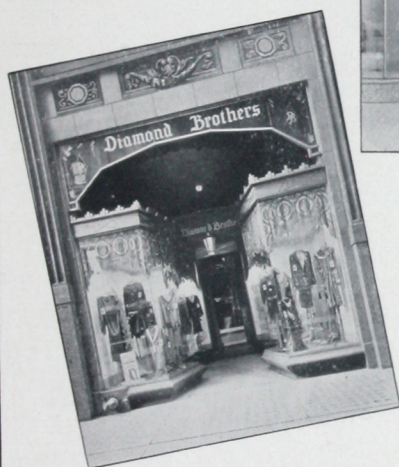
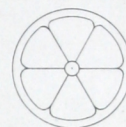
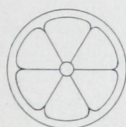
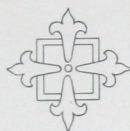
• HOBBS •

• RECENT INSTALLATIONS •



• SEE • F • S • DETAILS • AT • END • OF • CATALOG •

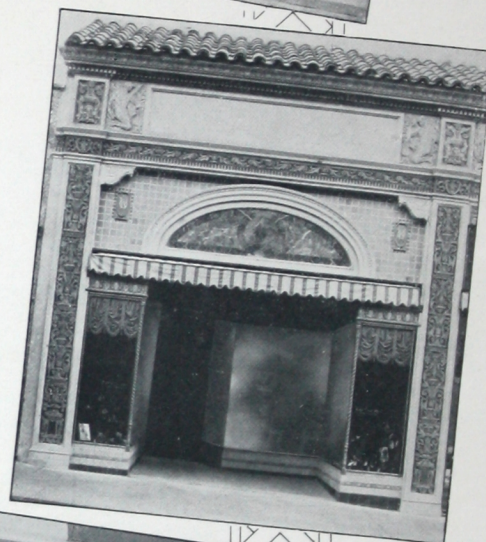
• RECENT INSTALLATIONS •



• SEE F.S. DETAILS AT END OF CATALOG •

• HOBBS •

• RECENT • INSTALLATIONS •



• SEE • F • S • DETAILS • AT • END • OF • CATALOG •

• HOBBS •

• RECENT INSTALLATIONS •



• SEE • F • S • DETAILS • AT • END • OF • CATALOG •

• HOBBS •

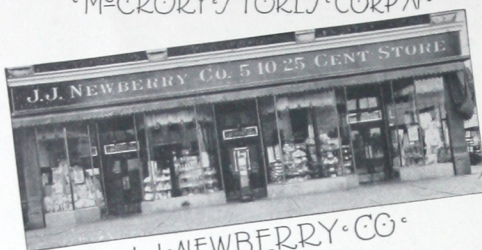
• CHAIN STORES •



• MCCRORY STORES CORP'N •



• F.W. WOOLWORTH CO. •



• J.J. NEWBERRY CO. •



• S.H. KRESS & CO. •



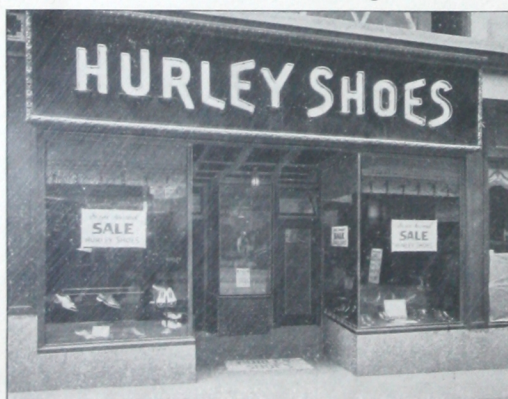
• SEARS ROEBUCK & CO. •



• NEISNER BROS. INC. •



• MCLELLAN STORES CO. •



• HURLEY SHOE CO. •



• KEPPLER & KEPPLER •

• SEE • F • S • DETAILS • AT • END • OF • CATALOG •

• HOBBS •

• CHAIN STORES •



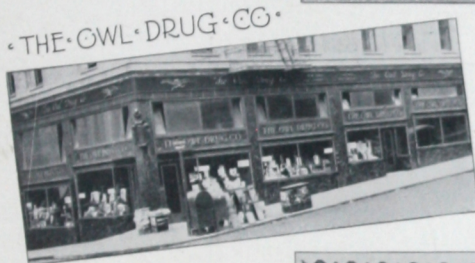
• F. & W. GRAND STORES, INC. •



• J. C. PENNEY CO. •



• UNITED CIGAR CO. •



• THE OWL DRUG CO. •



• G. C. MURPHY CO. •



• BICKFORD LUNCH CO. •



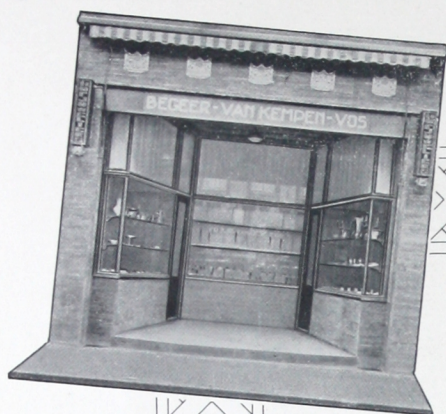
• S. S. KRESGE CO. •



• METROPOLITAN CHAIN STORES, INC. •

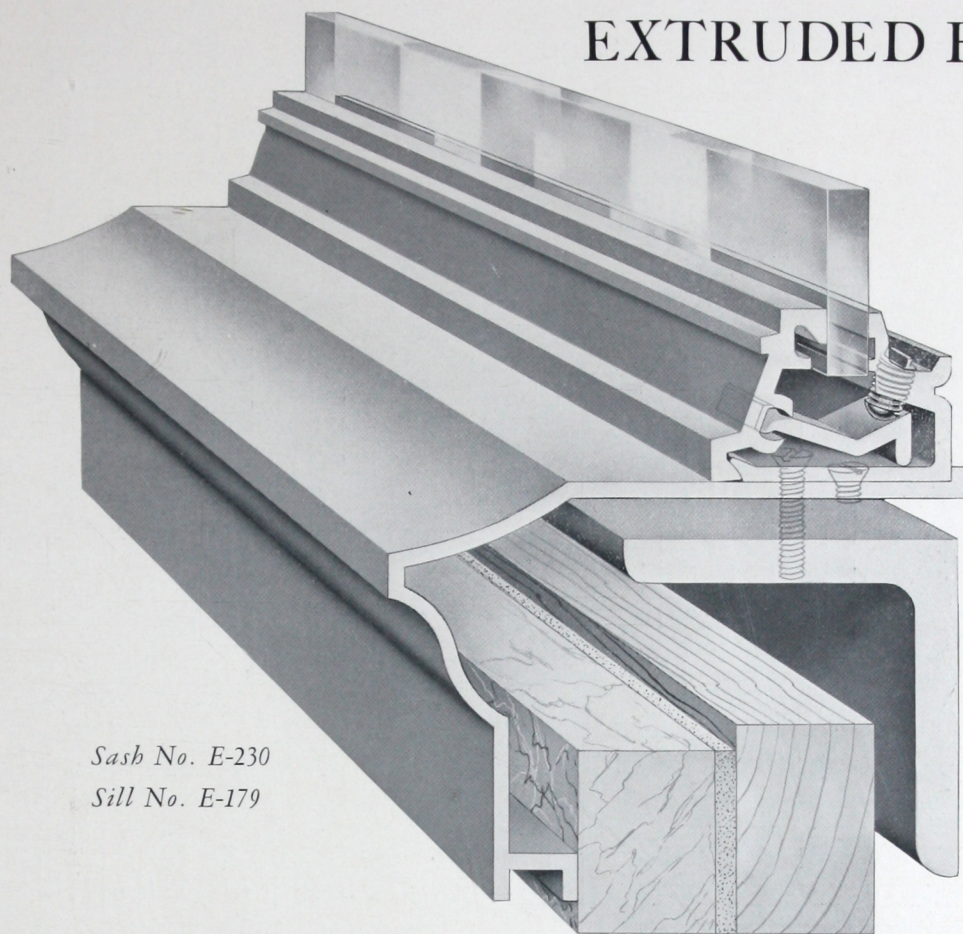
• SEE F. S. DETAILS AT END OF CATALOG •

• FOREIGN • INSTALLATIONS •



• SEE • F • S • DETAILS • AT • END • OF • CATALOG •

EXTRUDED BRONZE



Sash No. E-230

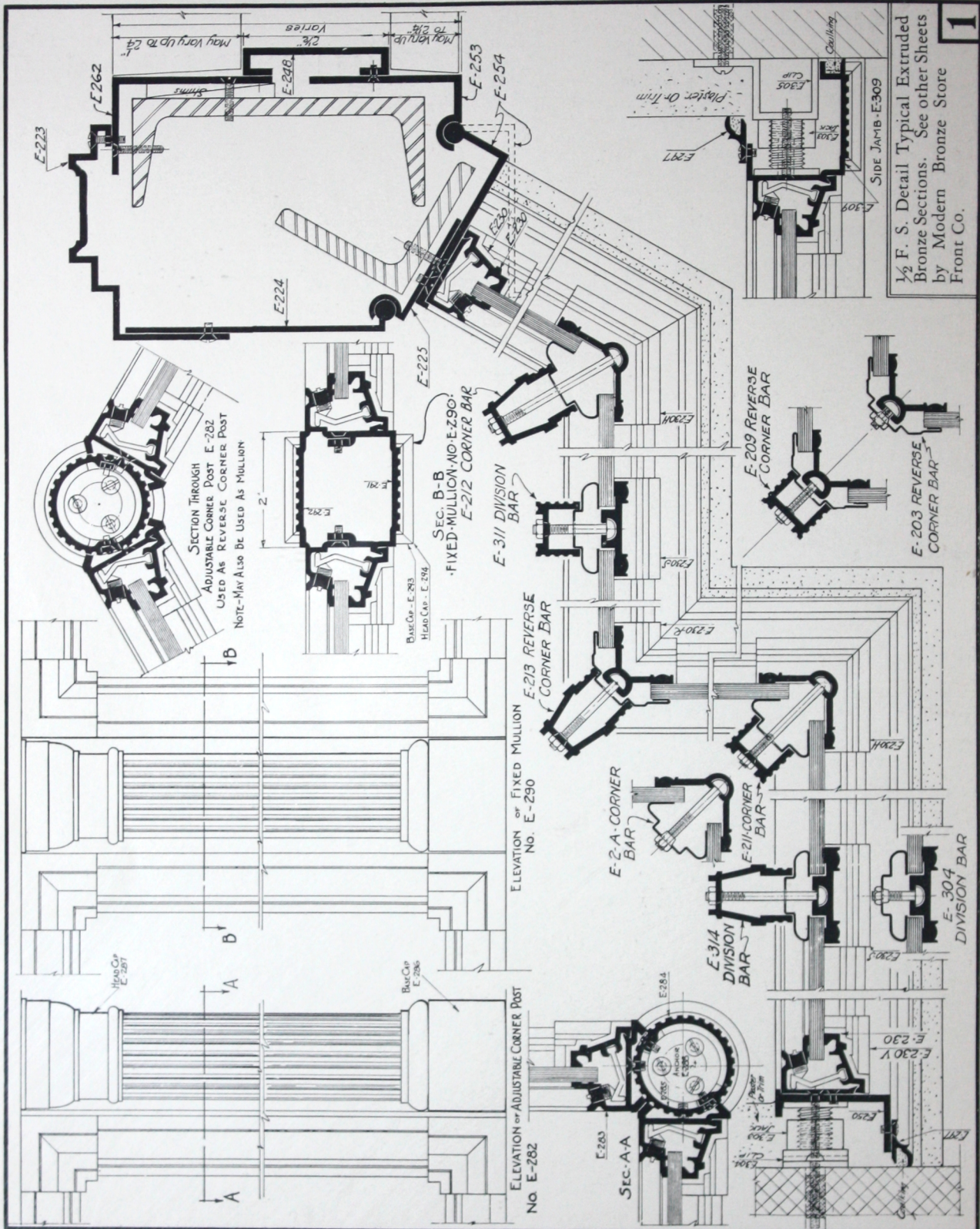
Sill No. E-179

Our associate company, *MODERN BRONZE STORE FRONT COMPANY*, are manufacturers, fabricators and designers of Extruded Bronze for store front treatments and effective exterior decoration. Cast and wrought bronze enrichment features are available in stock designs.

Nine sheets of full size details, issued under classification A. I. A. 26 B1 by the Modern Bronze Store Front Company, should be in your files or are available upon request.

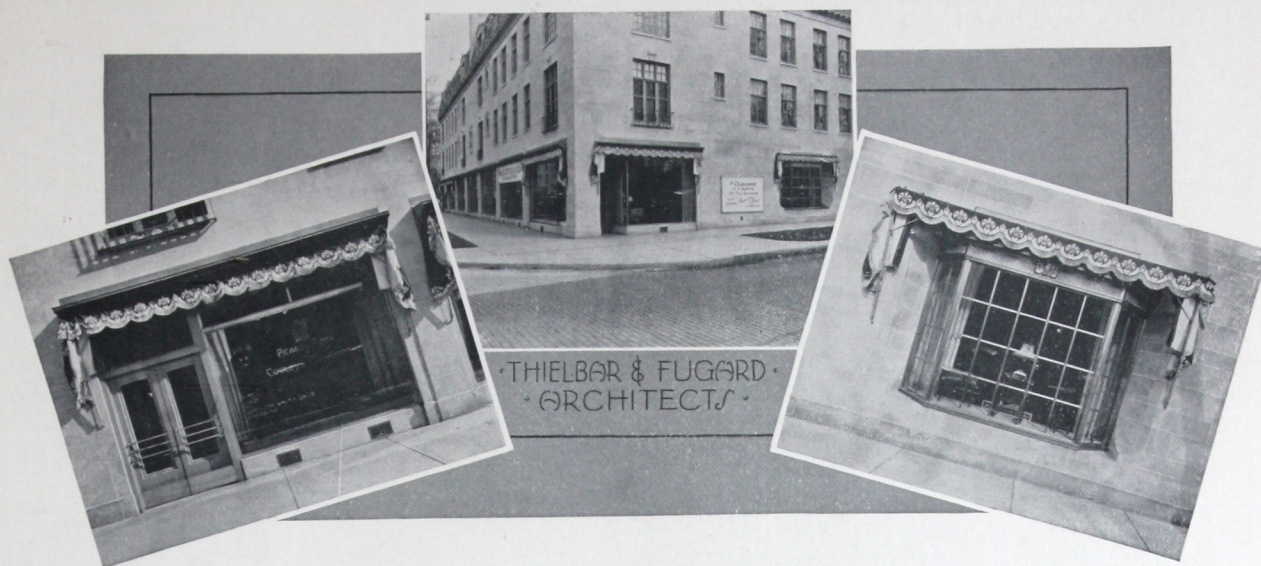
The sash member (glass retaining section) shown in perspective here is constructed so that no screws are visible in the face moulding. This is a desirable patented feature and provides at the same time for indirect screw pressure.

Optional treatments are offered at the horizontal and vertical corners—forged profile caps—extruded plinth blocks or hair line miters.



1
1½ F. S. Detail Typical Extruded Bronze Sections. See other Sheets by Modern Bronze Store Front Co.

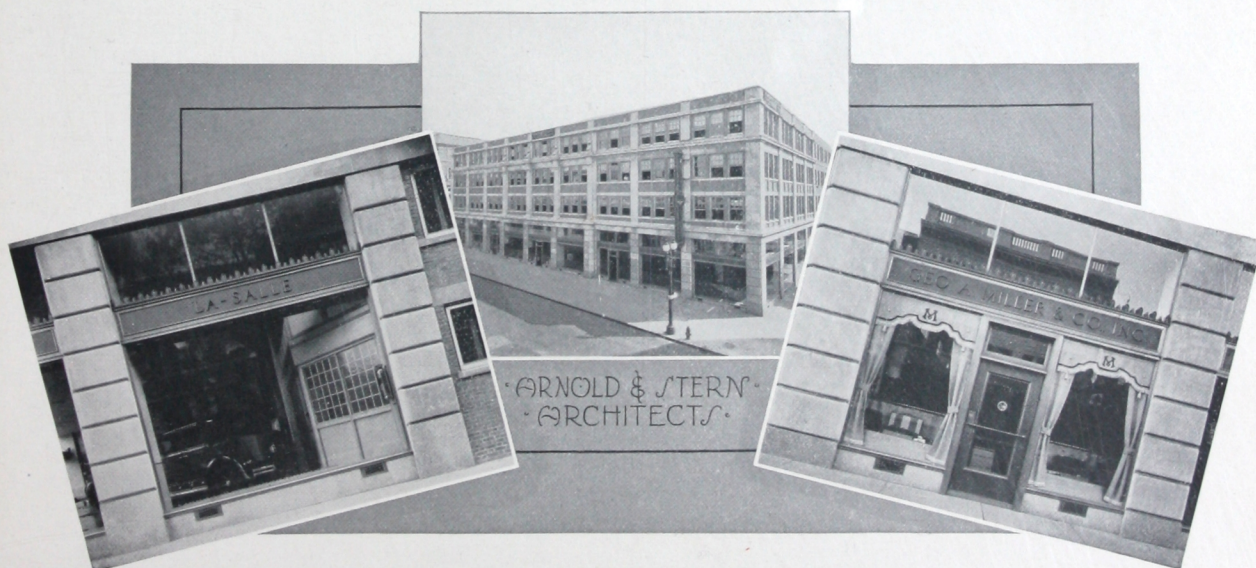
• HOBBS •



*T*hese pictures tell the story of what can be readily accomplished with our standard sections of Extruded and Cast Bronze, ready for immediate delivery.

All the shop fronts in the building illustrated above were fabricated from our standard shapes. The entablature assembly of the small bay window consists of an Extruded Architrave and cornice with a cast bronze frieze and cartouche. The assemblies on the main store front were accomplished with Extruded Bronze throughout, with cast bronze end brackets for the awning transom.

In the building illustrated below the store front assemblies were accomplished by Extruded Bronze throughout. A Cast Bronze cresting was used as an enriching feature.



• SEE • F • S • DETAILS • AT • END • OF • CATALOG •

NO. 97 HINGED OR PIVOTED WINDOWS.

SPECIFICATION OF CONSTRUCTION

MATERIAL:

Window frame made from No. 14 (B&S) gauge seamless bronze or nickel silver tubing, invisibly welded all four corners.

Retaining frame is fabricated from extruded bronze or extruded nickel silver welded all four corners.

Glass retaining moulds extruded bronze or extruded nickel silver, mitered all four corners.

Felt weather strip included with all windows.

HARDWARE:

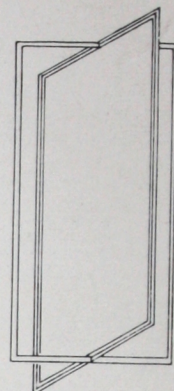
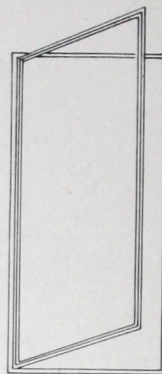
One continuous piano hinge (for hinged window).

Cast bronze friction pivots (for pivoted section).

Bronze casement fasteners.

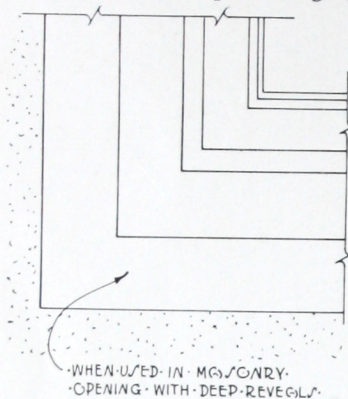
Bronze friction adjusters.

NOTE: No steel or iron is used in the construction of these windows.

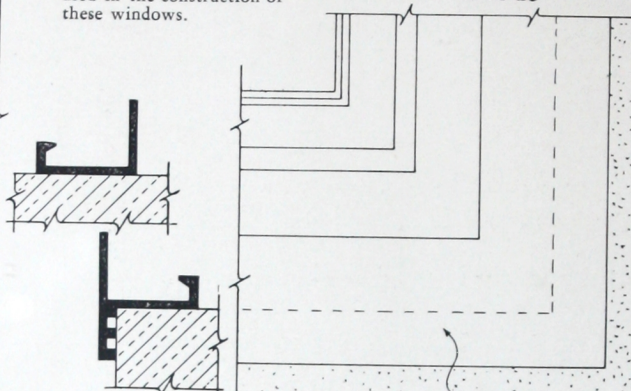


NO. 97-H
HINGED.

NO. 97-P
PIVOTED.



WHEN USED IN MASONRY
OPENING WITH DEEP REVEAL.

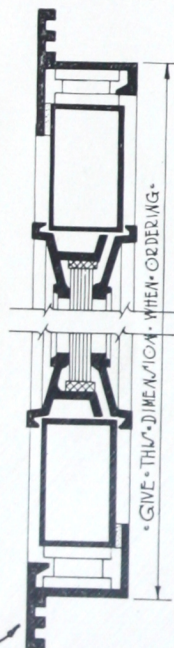


GIVE THIS DIMENSION WHEN ORDERING.

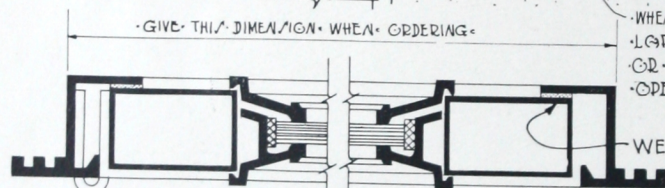
WHEN FLANGE
LAPS OVER STONE
OR MARBLE
OPENING.

FELT WEATHER STRIP

GIVE THIS DIMENSION WHEN ORDERING.



GIVE THIS DIMENSION WHEN ORDERING.

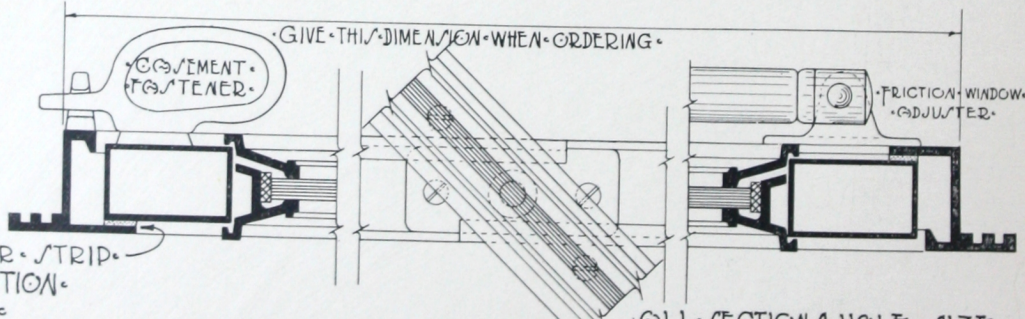


NO. 97-H RIGHT HAND HINGE TO SWING OUT.

HORIZONTAL SEC. OF CASEMENT.

VERTICAL SECTIONS OF CASEMENT.

NO. 97-H
TO SWING IN.



GIVE THIS DIMENSION WHEN ORDERING.

FRICION WINDOW
ADJUSTED.

FELT WEATHER STRIP
VERTICAL SECTION
NO. 97-P.

HORIZONTAL SECTION NO. 97-P PIVOTED WINDOW.

ALL SECTIONS HALF SIZE.

SEE F.S. DETAILS AT END OF CATALOG.

ENTRANCE DOORS



A TYPICAL INSTALLATION

Doors made in all types—single acting or double acting.

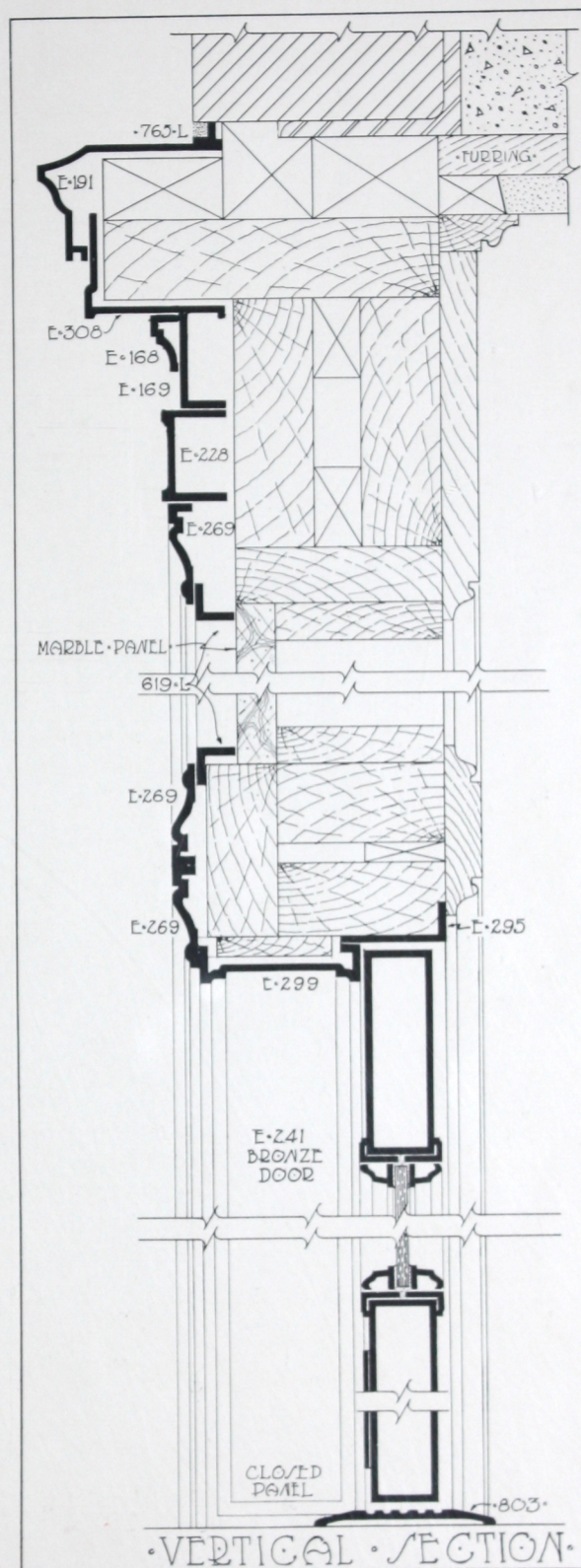
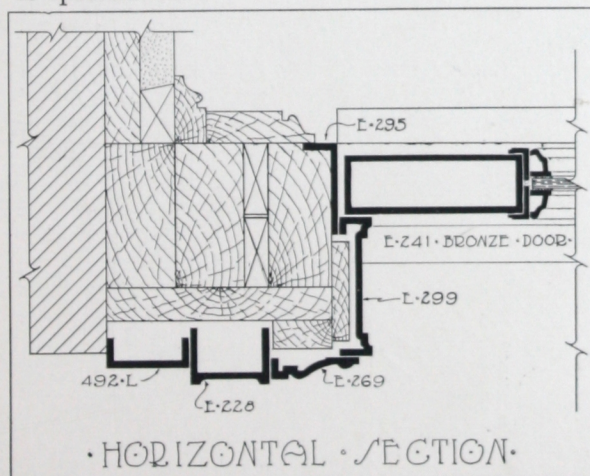
Door frames, jambs and trim extruded or rolled bronze to Architect's detail or as indicated in our standard sections.

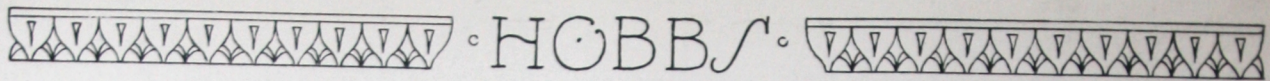
SPECIFICATION OF MATERIAL MATERIAL:

Doors are made of 3"x 1 1/2" No. 14 (B&S) gauge or 4 1/2"x 1 1/2" No. 12 (B&S) gauge seamless bronze tubing, all four corners invisibly welded. Glass retaining moulds extruded bronze.

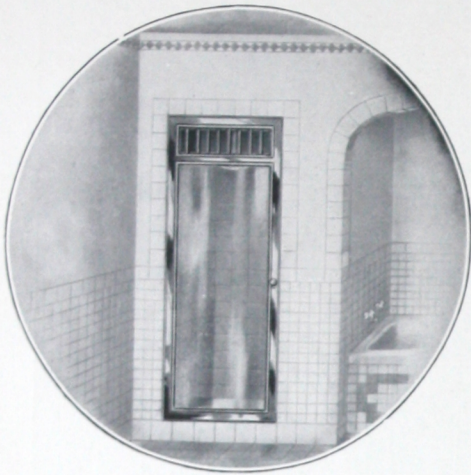
HARDWARE:

Kickplates both sides an integral part of door. Standard hardware as furnished by owner or architect installed at factory or can be furnished to specification.





SHOWER BATH DOORS



STOCK SIZES

2' 0" x 6' 0"

2' 3" x 6' 0"

2' 6" x 6' 0"

SPECIFICATIONS OF CONSTRUCTION

MATERIAL:

Door frame made from 14 (B&S) gauge seamless bronze or nickel silver tubing, glass retaining mouldings, grille and angle door jamb made from extruded bronze or extruded nickel silver. Felt caulking strips included.

HARDWARE:

One continuous piano hinge. Two cast bronze door pulls or glass knobs furnished. Two bronze bullet catches and necessary screws in bronze or nickel silver.

FINISHES:

Satin bronze.

Highly polished nickel plate.

Highly polished nickel silver.

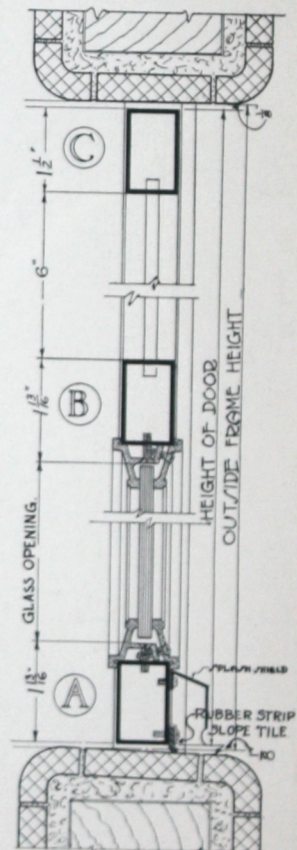
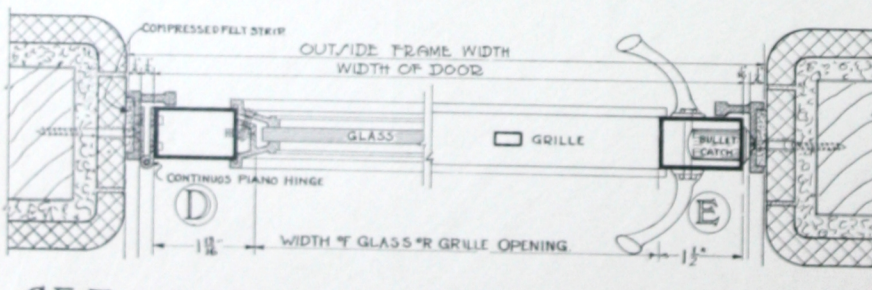
Chromium plate over nickel.

ERECTION:

Tile jambs should be plumb and base sloped inward.

Metal angle jambs with felt strips should be attached to tile with wood screws to make water tight contact.

NOTE: No steel or iron used in construction of our shower bath doors.



SEE F.S. DETAILS AT END OF CATALOG

